



### Applications

- Low frequency enhancement for events requiring easy setup and high SPL
- Fixed installations for challenging acoustic spaces
- Houses of worship, civic centers and theatres requiring a highly flexible sound reinforcement system

### Features

- Powerful 15-inch transducer with large-format 4-inch voice coil
- Extremely powerful 2,000-watt peak amplifier with highly stable universal switch-mode power supply
- Powerful DSP with 5 presets including cardioid configuration

The Vita-15A Sub is an active 15-inch subwoofer system featuring onboard amplification, DSP processing and integrated rigging. The amplifier is a class D design with integrated Switch Mode Power Supply that delivers 1,000 watts continuous while allowing cool operation and very low weight. The amplifier's DSP section features a single input and output with adjustable gain knob that also provides 5 factory presets for precision system tuning. All connections to the amplifier are made with Neutrik powerCON and XLRs for long useful life.

The 15-inch woofer is the P.Audio GM15-100F featuring a large-diameter ferrite magnet and a 4-inch voice coil. The woofer's cone uses a waterproof coating which has the added benefit of adding strength and rigidity to the cone assembly. The woofer was developed using FEM techniques to optimize motor strength and ensure low distortion performance.

The system's rigging is designed to be as simple as possible, featuring a single pin set up at the rear of the enclosure to set its angle. The enclosure is constructed of 15 mm tour-grade plywood with a highly durable polyurea coating. All of the rigging is made from structural steel with powder coating to ensure longevity.

The Vita-15A Sub is designed to be used in conjunction with the Vita-6A system for maximum performance in a ratio of 2 x Vita-6A to 1 x Vita-15A Sub.

### General Specifications

Type	Active Subwoofer
Woofer Size	15" (381 mm)
Woofer Voice Coil	4" (99.3 mm)
Cabinet design	Plywood with Polyurea
Handles	2 Side
Pole Mount	M20 Threaded Mount
Weight	41 kg / 90.4 lb
Dimensions (HxWxD)	498.5x537x617.7 mm / 19.6x21.1x24.3 in

### Acoustic Specifications

Sensitivity (1w/1m) (dB)	N/A
-3dB Response	40Hz-90kHz
-10dB Response	35Hz-100kHz
Power Handling (Watt)	N/A
Maximum Continuous SPL	124dB
Maximum Peak SPL	127dB
Dispersion (HxV)	Omnidirectional

### Electrical Specifications

Impedance	N/A
Input	Line Level XLR
Thru	Line Level XLR
System Level Control	Rotating knob
Other Control	Preset Selection (5 Presets);
Power Output	1000w @ 1% THD
Amplifier Type	Class D with SMPS
Protection	Turn on delay; Short circuit protection; DC Voltage protection; Peak Voltage Limiter; Over Temperature Protection
Indicators	Power LED, Clip LED, Signal LED